

SPECIFICATION AMENDMENTS:

Amend the full paragraph on page 38 of the clean version of the application to read as follows:

The numerical analysis method adopted in the numerical analyzer 5 according to the first embodiment can flexibly deal with a change in the shape of the structure as an object to be monitored due to, for example, the creation of a crack but, on the other hand, has difficulty in analyzing, for example, because it is difficult to set boundary conditions and the like around the coupling ~~[[s- members]]~~ members J (e.g., screw, rivet) due to the fact that the shape and receiving pressure of the coupling members J are complicated if the structures S1, S2 made of a plurality of different materials are coupled by the coupling ~~[[s members]]~~ members J as in the structure S shown in FIG. 10. Thus, this numerical analysis method is thought to have efficiency and precision problems in monitoring the first structure S1 and the coupling members J.